

LEONOV N.N.

PETRUSHEVSKIY, B.A.; REZANOV, I.A.; RASTVOROVA, V.A.; LEONOV, N.N.

Tectonics of western Turkmenia. Biul.MOIP. Otd.geol. 29 no.4:3-35
Jl-Ag '54. (MLRA 7:9)
(Turkmenistan--Geology, Structural) (Geology, Structural--
Turkmenistan)

LEONOV, N.N.

49-3-15/16

AUTHOR: Kirillov, F.A.

TITLE: Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Konferentsiya mladshikh nauchnykh sotrudnikov, inzhenerov i aspirantov Instituta Fiziki Zemli AN SSSR).

PERIODICAL: "Izvestiya Akademii Nauk, Seriya Geofizicheskaya" (Bulletin of the Ac.Sc., Geophysics Series), 1957, No.3, pp.411-415 (U.S.S.R.).

ABSTRACT: The conference was held on December 24-26, 1956. 21 papers were read relating to work completed in 1955 and 1956. In this report the contents of the individual papers are briefly summarised.

V. A. Romanyuk read a paper on determining the force of gravity of the sea; it is stated that other authors did not take into consideration the rotation of the base when formulating the differential equations of the pendulum movements and, therefore, he derived formulae in which this rotation is taken into consideration and which are convenient for practical utilisation.

Card 1/4

A. V. Rykov read a paper on measuring the energy flow of seismic waves. He obtained several recordings of the

49-3-15/16

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

energy of seismic waves and evaluated the energy of earthquakes comparing the results with values calculated by means of a formula which is in use.

V. A. Smirnov discussed his investigations with optical instruments for measuring the seismic inclination proposed by G. A. Gamburtsev.

G. I. Reysner read a paper on "New movement of the Alay depression and the mountains surrounding it".

N. N. Leonov read a paper on the present structure of the ~~Pamir-Alay~~ region and comparison of its structure with the seismicity.

S. V. Vinogradov read a paper on acoustical observations in (coal) mine workings and he concluded that such acoustical observations are of interest from the point of view of investigating physical processes taking place in earthquake foci.

Card 2/4

V. I. Myachkin read the paper "Study of the stress state of a massive under mine working conditions by means of ultrasonics."

49-3-15/16

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

I. S. Tomashevskaya read the paper "On the problem of investigation of the shear modulus of rock specimens under conditions of high pressures from all sides".

O. I. Silayeva read a paper on investigating the propagation of elastic waves in rods and plates.

The paper of V. S. Isayev was devoted to the study of distortions of the wave pattern in the case of grouping of seismographs (explosions) in seismic prospecting.

S. A. Fedotov read a paper on the kinematic and dynamic features of waves refracted at curvilinear boundaries.

Ye. V. Rybakova read a paper on dipole electromagnetic sounding.

O. M. Barsukov read the paper "Certain problems of the method of measurement in an elliptical polarised electromagnetic field".

B. P. D'yakonov read the paper "Diffraction of electromagnetic waves on spherical inclusions in a two-layer medium".

I. I. Rokityanskiy read a paper on the study of the induced polarisation in ion conducting rocks.

A. S. Bol'shakov read the paper "Magnetic stability of rocks".

R. S. Taychinov read the paper "Magnetic properties of sedimentary rocks in strong magnetic fields".

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49-3-15/16

Conference of junior research workers, engineers and aspirants of the Institute of the Physics of the Earth, Ac.Sc., U.S.S.R. (Cont.)

S. P. Burlatskaya read a paper on the technique of measuring the magnetic properties of rocks.

S. Yu. Brodskaya read a paper on investigating the magnetic properties of anisotropic rocks.

Ye. N. Mokhova read the paper "Magnetization of a rectangular prism".

N. F. Mal'tseva and K. Ya. Koz'yakova read a paper on the technique of evaluation of recordings of micro-variations of the magnetic field of the Earth.

AVAILABLE: Library of Congress

Card 4/4

SOV/49-59-11-24/28

AUTHOR: Leonov, N. N.

TITLE: The Ulugchat Earthquake in 1955

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya
1959, Nr 11, pp 1708-1713 (USSR)

ABSTRACT: The earthquake occurred on April 15, 1955, with three tremors at 0340, 0412 and 0414 GMT. The analysis of data is presented in Figs 1 to 3. Fig 1 shows the affected zone where a, b, B, 1, 2, e, u, are the areas of earthquakes with the force 6 - 7, 6, 5 - 6, 5, 4 - 5, 4, and 3 - 4 respectively, 3 - epicentre ($H = 50 \pm 10$ km), u - isolines, k - character of focus dislocations. Fig 2 gives the nomogram for determination of the focus (h , km) from the isolines (Δ , km). The tectonic structure of the area is given in Fig 3 where 1, 2 - Mesozoic depressions; 3, 4 - Alpine regions; 5 to 8 - elevations; 9 - deep faults; 10 - large scale faults; 11 - the epicentre. There are 3 figures and 11 Soviet references.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli (Academy of Sciences USSR, Institute of Physics of Earth) ✓

SUBMITTED: September 8, 1958

Card 1/1

LEONOV, N.N.

PHYSICS OF EARTHQUAKES

Abstracts and Notes. Soviet geology. 1977/1978
 No. 8: Voprosy seysmicheskoy svyazannosti (Questions of the
 Council on Seismology, Academy of Sciences USSR, 1977, 100 p., 100
 Division into Geomorphological Division) (Moscow, 1977, 100 p., 100
 copies printed).

Editor: N. N. Leonov, Doctor of Technical Sciences, USSR Academy of Sciences,
 Moscow; I. A. Kravtsov, and I. K. Kuznetsov, Senior Researcher, USSR Academy of Sciences.

Purpose: This publication is intended for seismologists.

Contents: The publication contains articles based on papers presented at the
 sessions of the Council on Seismology held in Moscow in 1977. The
 articles reflect the present state of work done in the field of
 seismology and discuss the following problems: problems of
 seismology and seismotectonics; problems of seismology and
 seismotectonics; problems of seismology and seismotectonics;
 seismology and seismotectonics; problems of seismology and
 seismotectonics; problems of seismology and seismotectonics;
 geological structure of the Earth; problems of seismology and
 seismotectonics; problems of seismology and seismotectonics;
 and geotectonic structures.

Editorial: N. A. Drilling Data Obtained on Test Earthquakes in Problems of
 Seismic Regionalization 60

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GZOVSKIY, M.V.; KRESTNIKOV, V.N.; LEONOV, H.N.; REZANOV, I.A.; REYSNER, G.I.

Map of recent tectonic movements in Central Asia. Izv. AN SSSR. Ser.
geofiz. no.8:1168-1172 Ag '60. (MIRA 13:8)

1. Akademiya nauk SSSR, Institut fiziki Zemli.
(Soviet Central Asia--Geology, Structural--Maps)

S/519/60/000/008/016/031
D051/D113

AUTHORS: Rezanov, I.A., Rastvorova, V.A., Leonov, N.N.

TITLE:

Experimental close seismic zoning - a region of Western Turkmenistan serving as an example

SOURCE:

Akademiya nauk SSSR. Sovet po seysmologii. Byulleten', no. 8, Moscow, 1960. Voprosy seysmicheskogo rayonirovaniya, 131-141

TEXT: The article deals with an attempt at close seismic zoning carried out by the Aralo-Kaspiyskaya ekspeditsiya Geofizicheskogo instituta (Aral-Caspian Expedition of the Geophysics Institute) which, in connection with planned hydrotechnical construction, had to compile a 1:200,000 scale map of seismic zoning for the territory of the Kopet-Dag mountain range and adjacent regions. For the compilation of this medium-scale map, a number of generalized geologic, geologic engineering, and geophysical data was required. The geological materials were selected and processed by the authors under the guidance of B.A. Petrushevskiy. The scientific workers of the Geophysics Institute S.S. Andreyev, Ye.I. Gal'perin, A.T. Donabedov, A.Z. Kats, I.P. Kosminskaya, N.N.

Card 1/3

APPROVED FOR RELEASE

Experimental close seismic ...

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D051/D113

Leonov, S.I. Masarskiy, S.V. Medvedev, B.A. Petrushevskiy, S.V. Puchkov, V.A. Rastvorova, I.A. Rezanov, Ye.F. Savarenskiy, and D.A. Kharin participated in the selection of geophysical data, editorial work, and the final compilation of the map. The leader of the expedition G.A. Gamburtsev acted as editor and the work was completed in 1953. The original report, on which this article is based, was published by B.A. Petrushevskiy and the authors (Ref. 16: *Geologicheskoye obosnovaniye karty seismicheskogo rayonirovaniya masyaba 1:200,000 [Geological basis of a 1:200,000 scale map of seismic zoning]*. Bib-ka In-ta fiziki Zemli, 1953). The authors describe the geological development of the region and dislocations due to faults, classifying the latter into several groups. A comparison between the distinguished tectonic zones and present seismicity showed that most earthquakes gravitate towards zones of recent tectonic movements. The proposed map of seismic zoning is considered as a more accurate and detailed parallel to a seismic sketch map. The special features of the proposed map are as follows: (1) The isolines of seismic intensity are given as 4-5 km wide zones. (2) Zones, the seismicity of which has recently increased, are distinguished. (3) Zones of possible secondary earthquake phenomena (landslides, etc.) are marked. (4) Zones of

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Experimental close seismic ...

S/519/60/000/008/016/031
D051/D113

average, favorable and unfavorable ground conditions for construction are distinguished. Although aware of the map's shortcomings, the authors regard it as essential for the planning of large industrial regions and hydrotechnical construction. However, in the selection of individual building sites, more detailed maps of seismic microzoning would be required. There are 2 figures and 19 Soviet references.

ASSOCIATION: Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth of the AS USSR)

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Card 3/3

LEONOV, Nikolay Nikolayevich; PETRUSHEVSKIY, B.A., otv. red.; MIRAKOVA,
L.V., red. izd-va; MAKAGONOVA, I.A., tekhn. red.

[Tectonics and the seismicity of the Pamirs-Altai zone] Tektonika i
seismichnost' Pamiro-Alaiskoi zony. Moskva, Izd-vo Akad.nauk SSSR,
1961. 162 p. (MIRA 14:11)

(Pamirs--Geology, Structural) (Seismology)
(Altai Mountains--Geology, Structural)

L 23879-66 EWI(d)/EWI(m)/EWP(w)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/ETC(m)-6
 ACC NR: AP6009929 (A) SOURCE CODE: UR/0413/66/000/004/0124/0124
 IJP(c) WW/EM

AUTHOR: Kel'shman, Ye. A.; Kozlov, A. I.; Leonov, N. M.; Shtender, I. G.; Andryakov, V. M. 64
 B

ORG: none

TITLE: A device for fastening an element inside a shell in a gas stream. Class 47,
 No. 179143 14 26

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 124

TOPIC TAGS: gas flow, aerodynamic drag

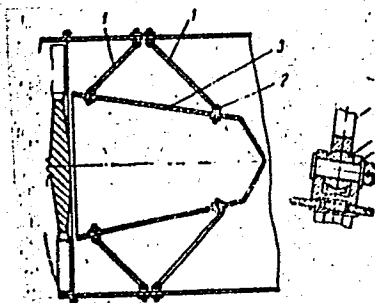
ABSTRACT: This Author's Certificate introduces a device containing braces for fastening an element inside a shell in a gas stream. Hydraulic drag is reduced and the reliability of the fastening is improved by installing the braces at an angle to the axis of the shell and by using ball-and-socket hinges for fastening the braces to the inside surface of the shell and to the element.

UDC: 621.646.9.002.73 2

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ACC NR: AP6009929



1--braces; 2--axis of the shell; 3--element; 4--ball-and-socket hinges.

SUB CODE: 20/

SUBM DATE: 30May64/

ORIG REF: 000/

OTH REF: 000

Card 2/2 dda

L 24454-66 EWT(1)/EWA(h) GW

ACC NR: AT6007204

SOURCE CODE: UR/2619/65/000/036/0132/0136

AUTHOR: Leonov, N. N.

ORG: Institute of Physics of the Earth, Academy of Sciences, SSSR (Institut fiziki Zemli Akademii nauk SSSR)

TITLE: The part played by geologic structure in permanent soil deformation during earthquakes ✓

SOURCE: AN SSSR. Institut fiziki Zemli. Trudy, no. 36 (203), 1965. Seysmicheskoye mikrorayonirovaniye; voprosy inzhenernoy seysmologii (Seismic microdistricting; problems of engineering seismology), no. 10, 132-136

TOPIC TAGS: seismology, earthquake, soil mechanics, tectonics, geomorphology

ABSTRACT: The author considers the relationship between propagation and magnitude of permanent deformations, geologic structure and tectonics of the earthquake region with regard to their application in microseismic zoning. A detailed study of various types of deformations which take place during earthquakes and a comparison of these deformations with the geologic structure of the region shows that permanent

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ACC NR: AT6007204

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deformations usually take place in sections where there is a frequent change in the lithological composition. The strike of the permanent deformations may be determined from lithological boundaries, tectonic contacts and faults. Maximum deformations in the edge region adjacent to the epicenter take place in the zone of deep fractures. The conclusions of this paper are made without taking account of the geomorphology of inclines and valleys, water content and similar considerations. Factors such as steep banks, woodland and water content may have a strong effect on the pattern. The conclusions drawn in the paper should be taken into account in seismic zoning and particularly during microseismic zoning for civil engineering purposes. Orig. art. has: 2 figures.

SUB CODE: 08/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 000

Card 2/2 *dda*

LEONOV, M.N. (Gor'kiy)

Contribution to the theory of a simple self-oscillatory type
optimizing control system. Avtom. i telem. 26 no.10:1720-
1727 0 '65.

(MIRA 18:10)

LEONOV, N.P.

USSR / Microbiology. Human and Animal Pathogens.
Pasteurallao.

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5602.

Author : Shorshnov, P. A.; Khundimov, L. Yo.; Shkurko,
Yo. D.; Leonov, N. P.

Inst : Irkutsk Sci. Res. Antiplague Institute of
Siberia and the Far East.

Title : Experiment in Preparation of Dry Antiplague
Serum and Study of its Effectiveness.

Orig Pub: Izv. Irkutskovo n.-i. protivoochum. in-ta
Sibiri i Dal'n Vost., 1957, 14, 217-219.

Abstract: No abstract.

Card 1/1

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50

SHERSHNEV, P.A.; KHUNDANOV, L.Ye.; SHKURKO, Ye.D.; LEONOV, N.P.

Obtaining dry antiplague serum and a study of its effectiveness.
Izv.Irk.gos.nauch.-issl.protivochum.inst. 14:217-219 '57.

(MIRA 13:7)

(SERUM)

(PLAGUE)

LEONOV, N.P.

Automatic glass batch level indicator in a tank glassmaking furnace.
Stek. i ker. 22 no.3:32-33 Mr '65.

(MIRA 18:10)

LEONOV, O.B., kandidat tekhnicheskikh nauk.

Investigation of Diesel fuel vaporizability. [Trudy] MVTU no.25:
35-54 '54. (MLRA 7:10)
(Diesel fuels)

LEONOV, O. B.

LEONOV, O. B. -- "Investigation of the Effect of Fuel Volatility on the Processes of Atomization of Fuel in Engines." Sub 31 Mar 52, No. 004 Order of Labor Red Banner Higher Technical School Leningrad. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Vechernaya Moskva, January-December, 1952

LEONOV, O.B., kandidat tekhnicheskikh nauk.

Effect of the fractional composition of diesel fuels on the
performance of high-speed engines. [Trudy] MVTU no.35:87-94
'55. (Diesel fuels) (Gas and oil engines) (MIRA 9:7)

LEONOV, OLEG BORISOVICH
PHASE I BOOK EXPLOITATION

326

Orlin, Andrey Sergeyevich; Vyrubov, Dmitriy Nikolayevich, Kalish,
German Georgiyevich; Kruglov, Mikhail Georgiyevich; Leonov,
Oleg Borisovich, Lebedev, Sergey Yevgen'yevich; Librovich,
Bronislav Genrikhovich; Chursin, Mikhail Mikhailovich

Dvigateli vnutrennego sgoraniya. t.1: Rabochiye protsessy v
dvigatelyakh i ikh agregatakh (Internal Combustion Engines.
v. 1: Working Processes in Engines and Their Units) 2d ed.,
rev. and enl. Moscow, Mashgiz, 1957. 396 p.

Ed.: (title page): Orlin, A.S., Professor; Reviewer: Mel'kumov, T.M.;
Ed. (inside book): Yegorkina, L.I., Engineer; Tech. Ed.:
Tikhanov, A.Ya.; Managing Ed. for Literature on Automobile,
Tractor and Agricultural Machine-building (Mashgiz): Bauman, I.M.

PURPOSE: This book is written as a textbook for students of
institutions of higher learning specializing in internal combustion
engines, automobiles, tractors, marine engines and locomotives.

Card 1/11

Internal Combustion Engines. v.1: Working Processes (Cont.) 326

COVERAGE: The authors give a brief historical survey of internal combustion engine development in the USSR and mentions the names of the principal designers and engine types built from 1901 to the present. Theoretical bases of contemporary engine cycles, combustion, intake, supercharging processes, fuel supply and engine control are discussed. The influences of the operational and design factors on the work of the engine are analyzed. Problems of power, efficiency, carburetion, transportation engine characteristics, and the bases of mixture formation in compression ignition engines and gas engines are discussed.

This book is a revised and enlarged edition of Dvigateli vnutrennego sgoraniya (Internal Combustion engines) Vol. I (Mashgiz, 1951). Particularly extensive revisions were made on Chapters III, V and IX. Chapters IV and VII have been rewritten. Chapters I and VII were written by Orlin, A.S.; Chapters II and IV by Vyrubov, D.N.; Chapter III by Vyrubov, D.N. and Leonov, O.B.; Chapter V by Vyrubov, D.N. (Sections 1-7),

Card 2/11

Internal Combustion Engines, v. 1, Working Processes (Cont.)326

Kruglov, M.G. (Section 12), Leonov, O.B. (Section 13) and Chursin, M.M. (Sections 8-11); Chapter VI by Kruglov, M.G. and Leonov, O.B.; Chapters VIII and IX by Kruglov, M.G.; Chapter X by Leonov, O.B.; Chapters XI, XII and XIII by Kalish, G.G. In the preparation of Chapters II, III and V the studies of Lebedev, S. Ye. and Librovich, B.G. were used, and in the preparation of Chapter IX the work of Kalish, G.G. There are 31 references: 28 are Soviet, 2 English and 1 German.

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AVAILABLE: Library of Congress

IS/ksv
6-19-58

Card 11/11

ALEKSEYEV, V.P., kand. tekhn.nauk; LEONOV, O.B., kand.tekhn.nauk

Using chemically combined hydrogen as tractor-engine fuel. Izv. vys.
ucheb. zav.; mashinostr. no.1:78-83 '58. (MIRA 11:6)

1. Moskovskoye vyssheye tekhnicheskoye uchilishe im. Baumana.
(Tractors--Fuel consumption) (Ammonium)

ALEKSEYEV, V.P., kand. tekhn. nauk; LEONOV, O.B., kand. tekhn. nauk.

Using chemically combined hydrogen as fuel for internal combustion
engines. [Trudy] MVTU no.83:256-263 '58. (MIRA 11:6)
(Motor fuels) (Ammonia)

LEONOV, O.B.

PHASE I BOOK EXPLOITATION

SOV/4188

Alekseyev, Valentin Petrovich, Nikolay Ivanovich Kostygov, Mikhail Georgiyevich Kruglov, Aleksey Nikolayevich Krylov, Oleg Borisovich Leonov, and Georgiy Nikolayevich Mizernyuk

Dvigateli vnutrennego sgoraniya; opisatel'nyy kurs (Internal Combustion Engines; Descriptive Course) Moscow, Mashgiz, 1960. 451 p. 15,000 copies printed.

Ed. (Title page): A. S. Orlin, Professor; Ed. (Inside book): L. I. Yegorkina; Managing Ed. for Literature on Automotive, Tractor, and Agricultural Machine Building: I. M. Bauman, Engineer; Tech. Eds.: B. I. Model' and T. F. Sokolova.

PURPOSE: This textbook is intended for students at machine-building schools of higher education, and for personnel engaged in the production and operation of internal-combustion engines.

COVERAGE: The book describes the construction and operation of all the main types of reciprocating internal-combustion engines, and of individual

Card 1/8

Internal Combustion Engines; (Cont.)

SOV/4188

systems and mechanisms used in them. The book corresponds to the program of the course on "Internal-Combustion Engines" at the Moscow Higher Technical Institute imeni N. Ye. Bauman. V. P. Alekseyev wrote chapters V and VI; N. I. Kostygov, the introduction, section 2 of chapter I, and chapters II, III and IV; M. G. Kruglov, chapter VII (except sections 40 and 42), section 57 of chapter X, and chapters XII and XIII; A.N. Krylov, chapter VIII, and sections 40 and 42 of chapter VII; O. B. Leonov, section 1 of chapter I, and chapter IX; G. N. Mizernyuk, chapters X (except section 57) and XI. The authors thank Professor D. N. Vyrubov. There are 38 references: 35 Soviet, 2 English and 1 French.

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1. Basic information on fuel	9
2. Fuel combustion in internal-combustion engines	16
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LEONOV, O.B.; kand.tekhn.nauk, dotsent; KAMZOLOV, Ye.P., aspirant

Investigating film carburation. Izv.vys.ucheb.zav.; mashinostr.
no.1:116-122 '61. (MIRA 14:4)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.
(Diesel engines--Testing)

LEONOV, O.B., kand. tekhn. nauk; LEONOV, I.V.

Starting conditions of an engine. Izv. vys. ucheb. zav.;
mashinostr. no.12:100-110 '64. (MIRA 18:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

ACC NR: AP7005571

(N)

SOURCE CODE: UR/0145/66/000/011/0002/0096

AUTHOR: Leonov, O. B. (Candidate of technical sciences); Leonov, I. V. (Engineer)

ORG: None

TITLE: A combination system for control of a marine engine

SOURCE: IVUZ. Mashinostroyeniye, no. 11, 1966, 92-96

TOPIC TAGS: marine engineering, diesel engine, engine control system, hydraulic equipment, *marine engine, hydro foil*

ABSTRACT: A combination control system is proposed for optimum acceleration of a marine diesel engine. The system includes two independent regulators (see Figure 1): an acceleration regulator for acceleration of the ship according to selected characteristics, and a static velocity regulator which fulfills the function of a remote control system and maintains a predetermined velocity. The interaction of the separate elements in the control system is illustrated in Figure 2. The acceleration regulator and static velocity regulator have a single common velocity gauge 1 and a common pressure transducer 2 which is a hydraulic power amplifier. The pressure transducer consists of a housing and a diaphragm 3 which controls the transfer cross section of overflow tube 4. The pressure of the velocity thrust against diaphragm 3 tends to restrict the rate at which oil runs into the overflow from the system through discharge nozzle 5 and thus balances the pressure in the overflow cavity of the transducer against the pressure of the velocity head. The design of the transducers for the con-

Cord 1/4

UDC: 621.43

ACC NR: AP7005571

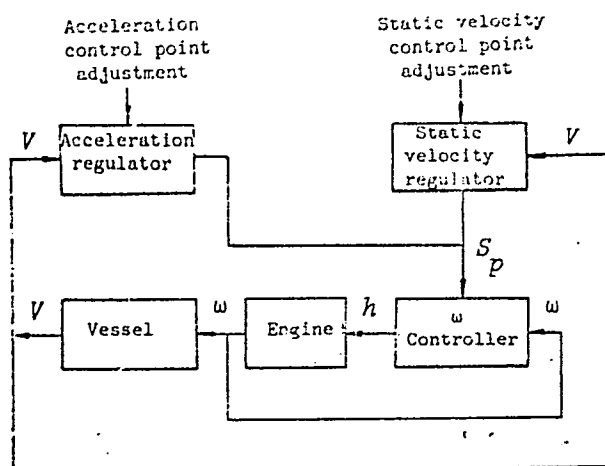


Fig. 1. Block diagram of the diesel ship control system: V —velocity of the ship, ω —angular rotational velocity of the engine, h —position of the regulator rod, S_p —engine control wheel

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ACC NR: AP7005571

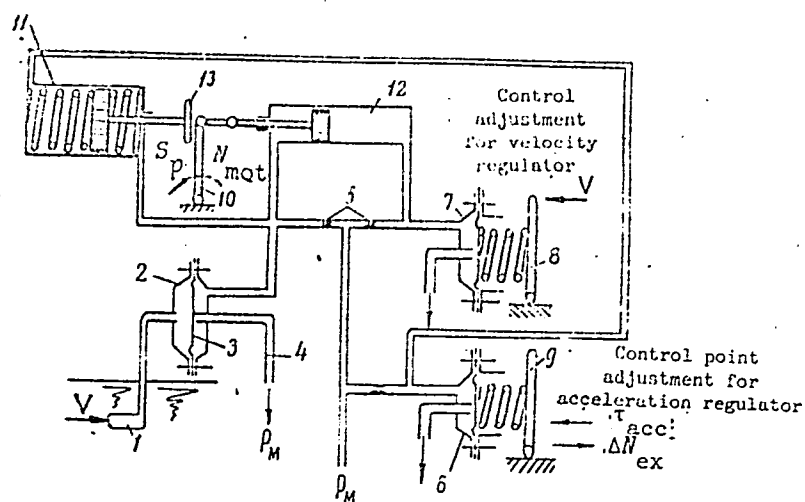


Fig. 2. Part of the schematic diagram of the diesel ship control system

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ACC NR: AP7005571

control point adjustments of acceleration regulator 6 and static velocity regulator 7 is similar to that of pressure transducer 2, the pressure created by these transducers being proportional to the displacements of control point adjustments 8 and 9. The motor control wheel 10 is acted upon by pressure equal to the velocity head and by pressure from the control point adjustment for static velocity 8. Thus if the velocity falls below the predetermined value, the engine control wheel automatically moves to increase engine power. The servomotor of acceleration regulator 11 limits the motion of the engine control wheel to a value which gives the proper optimum acceleration conditions. As velocity increases, limiter 13 in the acceleration regulator moves to increase engine power so that the motion of the engine control wheel conforms to velocity conditions. An alteration in acceleration conditions (acceleration time and excess engine power) is achieved by changing the pressure in the cavity of servomotor 11 produced by the control point adjustment for the acceleration regulator 9. Thus when the necessity arises for changing velocity, the control point adjustment of the acceleration regulator is set for the required acceleration conditions and the velocity control adjustment is set for the final velocity. Servomotor 12 of the static velocity regulator then brings the engine control wheel against the limiter 13 of the acceleration regulator. The article was presented for publication by Doctor of technical sciences A. S. Orlin, Professor at the Moscow Technical College im. N. E. Bauman. Orig. art. has: 4 figures.

SUB CODE:2/13/ SUBM DATE: 15Jan66/ ORIG REF: 03

Card 4/4

LEONOV, O.G.

Plasmocytic myeloma in a patient with pulmonary tuberculosis.
Probl. tub. no.4:87-88 '64. (MIRA 18:11)

1. Klinitskiy protivotuberkuleznyy dispanser (glavnyy vrach
I.G. Ursov).

LEONOV, P., inzhener.

Visual aids in organizing tractor work. Prof.-tekh.obr. 11 no.7:
10-11 0 '54. (MLBA 7:11)
(Agricultural education) (Tractors)

LEONOV, P.

Methods of sowing in enclosed areas bounded by rows of trees. Prof.
tekh. obr. 12 no.4:11-12 Ap '55. (MLRA 8:7)
(Sowing)

LEONOV, P.

Tires, Rubber

Tire repair shops. MTS 12 No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953. Unclassified.

2

CHEKRENEV, Aleksey Ivanovich; GRISHANIN, Kirill Vladimirovich;
KUSTOV, L.I., prof., rezensent; ZEMNOV, S.A., rezensent;
LEONOV, P.A., red.; MAKRESHINA, A.N., red.

[Waterways] Vodnye puti. Moskva, Transport. Pt.2. 1967.
319 p. (MIRA 18:2)

LEONOV, P.^{A'} dotsent.

"Safety techniques in coal and shale mines" By S.IA. Kheifits.
Reviewed by P. Leonov. Ugol' 32 no.4:46-47 Ap '57. (MLRA 10:5)

1. Tomskiy politekhnicheskii institut.
(Coal mines and mining--Safety measures)
(Kheifits, S.IA.)

GUSEVA, Z.M.; LEONOV, P.A., otv.red.

[Moisture repellant inert dust and the advantageousness of using it in Kuznetsk Basin mines] Vlagoustoichivaia inertnaia pyl' i taelesoobraznost' ee primeneniia na shakhtakh Kuzbassa. Tomsk, Nauchno-tekhn.gornoe ob-vo, 1958. 14 p.

(MIRA 14:2)

(Kuznetsk Basin--Coal mines and mining--Safety measures)

LEONOV, P:A.,dotsent

Classifying mine rock dumps in the Kuznetsk Basin and a comparative estimate of their safety. Izv. vys. ucheb. zav.; gor. zhur. no.8:80-85 '58. (MIRA 12:5)

1. Tomskiy politekhnicheskii institut.
(Kuznetsk Basin--Coal mines and mining) (Mine accidents)

LEONOV, P.A.; SURNACHEV, B.A.

Results of temperature and gas composition study on burning
waste piles at the Stalin Mine in the Kuznetsk Basin. Izv.
TPI 93:114-121 '58. (MIRA 13:5)
(Kuznetsk Basin--Coal mines and mining)

LEONOV, P.A., dots.

Organization of waste rock storage in Kuznetsk Basin mines
and safety problems. Izv.vys.ucheb.zav.; gor.zhur. no.2:
68-73 '59. (MIRA 13:4)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii
institut imeni S.M.Kirova. Rekomendovana kafedroy tekhniki
bezopasnosti i ventilyatsii.
(Kuznetsk Basin--Coal mines and mining)

LEONOV, P.A., dotsent

Determining dangerous and harmful zones in Kuznetsk Basin waste
piles. Izv.vys.ucheb.zav.; gor.zhur. no.10:46-49 '59.
(MIRA 13:5)

1. Tomskiy politekhnicheskii institut.
(Kuznetsk Basin--Coal mines and mining--Fires and fire prevention)

LEONOV, P.A., dotsent

Causes and the mechanism of important deformations of burning waste piles in the Kuznetsk Basin. Izv.vys.ucheb. zav.; gor. zhur. no.6: 59-66 '60, (MIRA 14:5)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiiy institut imeni S.M.Kirova. Rekomendovana kafedroy tekhniki bezopasnosti i rudnichnoy ventilyatsii.
(Kuznetsk Basin--Coal mines and mining)
(Deformations (Mechanics))

LEONOV, P.A., dotsent

Safe methods of putting out fiery heaps. Izv. vys. ucheb. sav.; gor.
zhur. no.2:71-74 '61. (MIRA 14:3)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskoy
institut imeni S.M. Kirova. Rekomendovana kafedroy tekhniki
bezopasnosti rudnichnoy ventilyatsii Tomskogo politekhnicheskogo
instituta.

(Mine fires)

LEONOV, P.I.; BYCHKOV, V.I.

Work and prospects of the local industry of Moscow. Gor.khoz.Mosk. 31
no.5:1-6 My '57. (MIRA 12:3)

1. Zamestitel' predsedatelya Ispolkoma Mossoveta (for Leonov). 2. Glav-
nyy inzhener Glavnogo upravleniya mestnoy promyshlennosti Mosgor-
ispolkoma (for Bychkov).
(Moscow--Industries)

LEONOV, P.I.

LEONOV, P.I.

The local and cooperative industry of Moscow during Soviet rule.
Gor.khoz.Mosk. 31 no.11:3-7 N '57. (MIRA 10:12)

1.Zamestitel' predsedatelya Ispolkoma Mossoveta.
(Moscow--Industry)

SYCHEV, I. A., LEONOV, P. L.

Electric Power Plants

From the experience of an outstanding repair brigade. *El. energ.* 2 No. 5. (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

LEXONOV, P. M.

"Hormone and Radiation Treatment of Patients Suffering Generalized and Neglected Cancer of the Mammary Gland." Cand Med Sci, Central Sci-Res Roentgenoradiological Inst, Min Health USSR, Leningrad, 1955. (KL, No 15, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

GOL'DBERG, G.A., kand.med.nauk; LEONOV, P.M.

Thyroid function in atherosclerosis. Terap. arkh. 30 no.4:45-48

Ap '58.

(MIRA 11:4)

1. Iz kafedry terapii (zav.-prof. G.M.Shershevskiy) i kafedry rentgenologii i radiologii (zav.-prof. D.Ya.Bogatin) Stalinskogo instituta usovershenstvovaniya vrachey.

(ARTERIOSCLEROSIS, physiology,
thyroid gland (Rus)

(THYROID GLAND, in var. dis.
arteriosclerosis (Rus)

LEONOV, P.M., kand.med.nauk (Stalino)

Characteristics of metastases of breast cancer into the bones.
Vrach.delo no.7:73-76 JI '60. (MIRA 13:7)

1. Radio-khirurgicheskoye otdeleniye (zav. - dotsent K.N.
Chochia) Tsentral'nogo nauchno-issledovatel'skogo instituta
meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR.
(BREAST--CANCER) (BONES--CANCER)

LEONOV, P.M.

Experience with strychnine in the prevention of radiation sickness
during radiotherapy. Med.rad. 6 no.3:7-11 '61. (MIRA 14:5)
(RADIATION PROTECTION) (STRYCHNINE)

LEONOV, P.P.

PC

22

Removing tar from pyroligneous acid. P. P. Leonov. Russ. 46,580, April 30, 1966. Lignin, alkyl-hydroxy-alkyl-hydroxy-alkyl materials and about 2% of alkali or alk. earth hydroxides are added. The sept. acids are removed by decantation.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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LEONOV, P. P.
Cv

PROCESSING AND TREATMENT

Removing tar from the acid water of wood distillation.
P. P. Leonov. Russ. 40,581, April 30, 1950. Aromatic
amines are added, the acid water is heated and the prod-
ucts of condensation are sepd. by decantation

22

MATERIALS DATA		ASB-51A METALLURGICAL LITERATURE CLASSIFICATION		PROCESSING AND PROPERTIES INDEX		EXAMINATION	
GROUP #	SUBGROUP #	SERIES WITH ONLY ONE	COLLECTION	REMARKS	REMARKS	TEST	TEST
1	2	3	4	5	6	7	8
11	AV	NO	15	P	A	M	T
12	W	AY	NO	15	P	A	M
13	V	AY	NO	15	P	A	M
14	U	AY	NO	15	P	A	M
15	T	AY	NO	15	P	A	M
16	S	AY	NO	15	P	A	M
17	R	AY	NO	15	P	A	M
18	Q	AY	NO	15	P	A	M
19	P	AY	NO	15	P	A	M
20	O	AY	NO	15	P	A	M
21	N	AY	NO	15	P	A	M
22	M	AY	NO	15	P	A	M
23	L	AY	NO	15	P	A	M
24	K	AY	NO	15	P	A	M
25	J	AY	NO	15	P	A	M
26	I	AY	NO	15	P	A	M
27	H	AY	NO	15	P	A	M
28	G	AY	NO	15	P	A	M
29	F	AY	NO	15	P	A	M
30	E	AY	NO	15	P	A	M
31	D	AY	NO	15	P	A	M
32	C	AY	NO	15	P	A	M
33	B	AY	NO	15	P	A	M
34	A	AY	NO	15	P	A	M

1ST AND 2ND ORDERS

LEONOV, P.P.

LA

22

The concentration of acetic acid by means of triethylamine. P. P. Leonov, *Lesokhim. Prom.* 6, No. 2, 33-4 (1939); *Khim. Referat. Zhur.* 2, No. 3, 123(1939). During the rectification of black acid a considerable amt. of 10-20% AcOH is obtained. The acid is mixed with triethylamine, most of the water is distd off at 70°C, the unstable salt is decompl. by increasing the temp., and the acid which has a strength of about 90% is distd off. The regenerated amine can be again utilized. The yield of the acid reaches 90%. Triethylamine can also be used to ext. far water contg. 7.5% acetic acid. The yield of the 60% acid in this case is about 85%. W. R. H.

LEONOV P.P.

SHMEKKER, Ya.M.; MEGNINOV, A.A.; LEONOV, I.V.; LEONOV, P.P.

Method for manufacturing reagent sulfuric acid from gases of a
sulfuric acid system. Prom.energ. 11 no.6:31 Je '56.(MLRA 9:9)
(Sulfuric acid)

LEONOV, P.T.

ARTEM'YEV, Yu.N., kandidat tekhnicheskikh nauk; ALEKSEYEV, I.A., inzhener; ASTVATSATUROV, G.G., inzhener; BISNOVATYY, S.I., inzhener; BONDARENKO, A.F., inzhener; GURAL'NIK, Ye.L., inzhener; GORBUNOV, M.F., inzhener; ZLATKOVSKIY, A.P., kandidat tekhnicheskikh nauk; KATTS, N.V., inzhener, KITAYEV, A.S., inzhener; KOZLOV, A.M., inzhener; LEONOV, P.T., inzhener; LIVSHITS, L.G., kandidat tekhnicheskikh nauk; LIBERMAN, A.R., inzhener; LINNIK, Ye.M., inzhener; LUKANOV, M.A., inzhener; MOROZOV, S.A., inzhener; POGORELYY, I.P., kandidat tekhnicheskikh nauk; PETROV, S.A., kandidat tekhnicheskikh nauk; PYATETSKIY, B.G., inzhener; RABOCHIIY, L.G., kandidat tekhnicheskikh nauk; SELIVANOV, A.I., kandidat tekhnicheskikh nauk; FERBERG, B.S., kandidat tekhnicheskikh nauk; CHISTYAKOV, V.D., inzhener; CHUNIKHIN, V.M., inzhener; SHIRYAYEV, A.I., inzhener; SHCHUPAK, A.D., inzhener; KUCHUMOV, P.S., inzhener, redaktor; PETROV, S.A.; PESTRYAKOV, A.I., redaktor; BALLOD, A.I., tekhnicheskiiy redaktor.

[Handbook of equipment for repairing tractors and agricultural machinery] Spravochnik po oborudovaniyu dlia remonta traktorov i sel'skokhoziaistvennykh mashin. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 646 p. (MIRA 7:11)

(Tractors--Repairing) (Agricultural machinery--Maintenance and repair)

LEONOV, P.V., inzh.; SUSHKIN, V.A., inzh.

Determination of the capacity of the traction engine of a self-propelled car for extraction galleries with complex hypsometry.
Nauch. trudy Tul. gor. inst. no.4:165-172 '61. (MIRA 16:8)

(Moscow Basin--Mine railroads--Cars)

LEONOV, Roal'd Aleksandrovich; STEKOL'NIKOV, I.S., otv. red.

[The mystery of ball lightning] Zagadka sharovoi molnii.
Moskva, Nauka, 1965. 74 p. (MIRA 19:1)

L 40383-66 FBD/IWT(1)/EEC(k)-2/T/EWP(k) IJP(o) WG

ACC NR: AP6026979

SOURCE CODE: UR/0051/66/021/002/0243/0244

AUTHOR: Leonov, R. K.; Sapunov, Yu. M.; Protsenko, Ye. D.

ORG: none

TITLE: Certain results of an investigation of a pulsed argon laser

SOURCE: Optika i spektroskopiya, v. 21, no. 2, 1966, 243-244

TOPIC TAGS: gas laser, argon laser

ABSTRACT: Pulsed generation of an argon laser was investigated experimentally. The experimental setup consisted of an external, almost confocal system of spherical interference mirrors and glass tubes 1.8 m long and 5.7 and 10 mm in diameter with Brewster angle windows and a heater cathode. Current pulses through the tubes were generated by the discharge of a condenser fed by a rectifier up to 10--50 kv. In the 10^{-1} — 7×10^{-3} mm Hg pressure range generation of Ar II occurred in the blue-green spectral region at eight lines: 4097, 4631, 4765, 4880, 4965, 5145, 5610, and 5620 Å. Generation at 5610 and 5620 Å was observed for the first time and occurred at pressures from 2×10^{-2} to 8×10^{-3} mm Hg and voltages of 30 kv and up. The temporal dependence of current pulses and generation on the gas pressure, laser discharge tube diameter, and capacitance was investigated and discussed in detail. Orig. art. has: 1 figure. [YK]

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Card 1/1 vmb

UDC: 621.375.9:535(206.3):546.293 5-053

POLEZHAYEV, I.A., kand. sel'khoz. nauk; LEONOV, S., red.;
POKHLEBKINA, M., tekhn. red.

[Sugar beet for forage] Sakharnaia svekla na korm. Moskva, Mosk.
rabochii, 1962. 31 p. (MIRA 15:6)
(Sugar beets)

CHEKANOVA, Nina Ignat'yevna, Geroy Sotsialisticheskogo Truda, zasl.
agronom RSFSR (1913-); LEONOV, S., red.; USTINOVA, S.,
tekhn. red.

[Wishing you a great success, toilers of the Moscow region]
Bol'shogo uspekha, truzheniki Podmoskov'ia; otvety na vopro-
sy polevodov. Moskva, Mosk. rabochii, 1962. 46 p.
(MIRA 15:11)

1. Deputat Verkhovnogo Soveta SSSR po Sverdlovskomu izbira-
tel'romu okrugu No.67 Altayskogo kraya (for Chekanova).
(Moscow region--Beans)

FILATOV, Nikolay Aleksandrovich, zasl. agronom RSFSR; PIRONKOV,
Vyacheslav Mikhaylovich, agronom; LEONOV, S., red.; YAKOVLEVA, Ye.,
tekhn. red.

[Wide-strip planting]Shirokopolosnye posevy. Moskva, Mosk. ra-
bochii, 1962. 54 p. (MIRA 15:12)
(Vegetable gardening)

TESLENKO, Yuriy Grigor'yevich; LEONOV, S., red.; SHLYK, M., tekhn.
red.

[Two state farms and two results]Dva sovkhoza - dva rezul'tata.
Moskva, Mosk. rabochii, 1962. 60 p. (MIRA 16:1)

1. Zamestitel' partiynogo organizatora Moskovskogo komiteta
Kommunisticheskoy partii Sovetskogo Soyuz v Ramenskom pro-
izvodstvennom sovkhozno-kolkhoznom upravlenii (for Teslenko).
(Moscow Province--State farms--Management)

KARPOV, Fedor Andreyevich [deceased]; ZHARKOV, Aleksandr Vasil'yevich;
LECNOR, S., red.; POKHLEBKINA, M., tekhn. red.

[A vegetable "factory" of the Moscow region] Na podmoskovnoi
fabrike ovoshchei. Moskva, Mosk. rabochii, 1962. 125 p.

(MIRA 15:10)

(Serpukhov District--Vegetable gardening)

KUZ'MICHEV, Mikhail Georgiyevich, agronom-opytnik; ZAGORSKIY, G., red.;
LEONOV, S., red.; KUZNETSOVA, A., tekhn. red.

[Companion crops for cucumbers] Uplotnennyye posevy ogurtsov.
Moskva, Mosk. rabochii, 1962. 27 p. (MIRA 16:2)
(Cucumbers) (Companion crops)

SHIPILOV, Mikhail Mikhaylovich; KUZNETSOVA, Zoya Nikolayevna, agr.; RYKINA, Antonina Nikolayevna; KOTORA, Vasilii Ivanovich; LEONOV, S., red.; POKHLEBKINA, M., tekhn. red.

[Agronomist] Agronom. [By] M. Shipilov i dr. Moskva, Mosk. rabochii, 1962. 57 p. (MIRA 16:2)

1. Glavnyy agronom sovkhoza "Konstantinovo" Podol'skogo rayona (for Shipilov). 2. Kolkhoz "Bol'shevik" Podol'skogo rayona (for Kuznetsova). 3. Glavnyy agronom kolkhoza imeni Lenina Serebryano-Prudskogo rayona (for Rykina). 4. Glavnyy agronom oporno-pokazatel'nogo sovkhoza imeni Tel'mana Ramenskogo rayona (for Kotora).

(Agriculturists)

TOMBERG, Aleksandr Al'fredovich; LEONOV, S., red.; SHLYK, M.,
tekh. red.

[Carrots] Morkov'. Pod red. V.I. Edel'shteina. Moskva,
Mosk. rabochii, 1963. 71 p. (MIRA 16:5)
(Carrots)

SMIRNOV, Nikolay Alekseyevich; LEONOV, S., red.; SHLYK, M., tekhn.
red.

[Garden under glass; practices in growing vegetables in green-
houses] Ogorod pod steklom; opyt vyrashchivaniia ovoshchei v
teplitsakh. Moskva, Mosk. rabochii, 1963. 159 p.

(MIRA 16:5)

(Vegetable gardening) (Greenhouse management)

SAL'NIKOV, Ivan Izotovitch, kand. ekonom. nauk; LEONOV, S., red.;
KUZNETSOVA, A., tekhn. red.

[How to reduce the cost of milk production] Kak udeshevit' proiz-
vodstvo moloka. Moskva, Mosk. rabochii, 1962. 38 p.
(MIRA 15:6)

(Lukhovitsy District--Dairying--Costs)

MEL'NIKOV, G.D., inzh.; ZEYLIDZON, Ye.D., inzh.; GALAKTIONOV, A.S., inzh.;
LEONOV, S.A., inzh.; SHLOPOV, Ye.P., inzh.

Certain problems in the structure of dispatcher control in power
systems. Elek.sta. 28 no.12:59-63 D '57. (MIRA 12:3)
(Power engineering)

LEONOV, S.A., red.; SAYTANIDI, L.D., tekhn. red.

[Collection of norms and estimates for the extraction of local rock, gravel, and sand] Sbornik norm i rastsenok na dobychu mestnykh nerudnykh materialov; butovogo kamnia, shchebnia, graviia i peska. Utverzhdeno 13 apreliia 1959 g. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1959. 110 p. (MIRA 14:9)

1. Russia (1917- R.S.F.S.R.) Ministerstvo sel'skogo khoziaystva. Glavnoye stroitel'noye upravleniye. Tsentral'naya respublikanskaya normativno-issledovatel'skaya stantsiya.
(Stone, Crushed) (Sand and gravel industry)

LEONOV, S.A. [Leonov, S.O.] (Kiyev)

Propagation of waves in a finite reinforced rod. *Prykl.mekh.*
8 no.2:174-177 '62. (MIRA 15:3)

1. Institut mekhaniki AN USSR.
(Elastic rods and wires) (Elastic waves)

Leonov, S.A.

USSR / Cultivated Plants. Plants for Technical Use.
Oil Plants: Sugar Plants.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34748

Author : Leonov, S.A.

Inst : Not given

Title : On the Acceleration of Pre-Harvest Drying of Bolls in
Fiber Flax During the Ripening Period.

Orig Pub : Iyen i konoplya, 1957, No 6, 41-43

Abstract : In experiments conducted by the Experimental Station for
Flax Moscow in 1954/6, various chemicals were tested (caus-
tic soda, superphosphate, calcium cyanamide, 2,4-D and
others), which chemicals proved not to affect adversely the
crop and the quality of the seeds but precipitated the
dying of flax bolls during their ripening period. Control
plants were sprinkled with pure water. Chaff crop was not
depleted by the treatment, but overall output of long and

*Academy of Agricultural Sciences im. K.A.Timiryazev

Card 1/2

USSR / Cultivated Plants. Commercial. Oil Bearing. M-5
Sugar Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25144

Author : Leonov, S.A., Dospekhov, B.A.

Inst : Not given

Title : Methods of Working the Grass Layer for Flax

Orig Pub: Len 1 konoplya, 1957, No 10, 23-26

Abstract: No abstract.

Card 1/1

LEONOV, S.A., kand. nauk.

Artificial drying of flax bolls before harvesting. Dokl. TSKhA no. 28:
210-215 '57. (MIRA 11:4)

(Flax)

N

COUNTRY : USSR
 CATEGORY : Weeds and Weed Control
 ABS. JOUR. : RZBiol., No. 12, 1958, No. 53949
 AUTHOR : Leonov, S.A.; Abuyeva, A.A.
 INST. : Moscow Agricultural Acad.
 TITLE : Chemical Methods of Weed Control in Flax Plantings
 ORIG. PUB. : Dokl. Mosk. s.-kh. akad. im. K.A. Timiryazeva, 1957, vyp. 29, 45-50
 ABSTRACT : In experiments made at the experimental station of Moscow Agricultural Academy im. K.A. Timiryazeva for flax weed control, dinitro-orthocresol in a dose of 2 kg/ha., triethanolamine salt, 2,4-D and 2M-4X in a dose of 0.75 kg/ha., UT-10 (a new herbicide gotten from the GDR which contains 2M-4X) in dosages of 0.75 and 1.0 kg/ha. were tried out. Due to abundant precipitation and low temperatures in 1956, the effectiveness of the herbicides

CARD:

1/3

13

Country : USSR
 CATEGORY :
 ABS. JOUR. : RZBiol., No. 12, 1958, No. 53949
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : was relatively low, although the weeds were less in the variations treated with herbicide than in the control and in the hand weeded variations, while the straw and seed yield was higher than in the control and on the approximately same level as in the manually weeded variation. The UT-10 herbicide was most effective. The best period for treatment is the shooting stage when the flax reaches a height of 6-17 cm. The quality of

CARD:

2/3

14

USSR/Cultivated Plants. Technical Plants. Oil and H
Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68281

Author : Leonov, S. A., Dospokhov, B. A.
Inst : Moscow Agricultural Academy ineni K. A.
Timiryazov

Title : Using Mineral and Organic-Mineral Fertilizers
for Fiber-Flax.

Orig Pub : Dokl. Mosk. s.-kh. akad. in. K. A. Timiryazova,
1957, No 31, 18-23

Abstract : Systematic application of mineral fertilizers
on peat-bog, podsolie soils has shown that P
and K are the most effective fertilizers for
the raising of yields. Physiologically, acid
nitrogen fertilizers do not give positive re-

Card : 1/2

DOSPENKHOV, B.A., kand.sel'skokhozyaystvennykh nauk; LEONOV, S.A., kand.
sel'skokhozyaystvennykh nauk

Principal results of studies on flax cultivation. Izv.TSKhA
no.4:85-102 '59. (MIRA 12:11)
(Flax)

YEFREMOVA, Anna Ignat'yevna; LEONOV, S.A., red.; TRUKHINA, O.N.,
tekhn.red.

[Let's make new advances in the seven-year plan] Voz'mem
novye rubezhi semiletki. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1960. 45 p. (MIRA 13:10)
(Shilovo District--Collective farms)

ZAPIVAKHIN, Aleksandr Ivanovich; LEONOV, S.A., red.; SIMANOVICH, E.M.,
tekhn. red.

[Technical and economic committees on collective farms] Tekhniko-
ekonomicheskie sovety v kolkhozakh. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1961. 84 p. (MIRA 14:12)
(Collective farms)

KARASEV, Aleksey Konstantinovich, brigadir; MITROKHIN, M.A., starshiy nauchnyy sotr., kand. ekonom. nauk, red.; LEONOV, S., red.; PAVLOVA, S., tekhn. red.

[Paying wages according to the harvest] Po urozhayu i oplata. 2., ispr. i dop. izd. Pod red. M.A.Mitrokhina. Moskva, Mosk. rabochii, 1961. 55 p. (MIRA 14:12)

1. Mekhanizirovannaya ovoshchevodcheskaya brigada sovkhoza "Sergiyevskiy" Kolomenskogo rayona i Chlen Kommunisticheskoy partii Sovetskogo Soyuza i Deputat Moskovskogo oblastnogo Soveta deputatov trudyashchikhsya (for Karasev). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva (for Mitrokhin). (Kolomna District—Agricultural wages)

LEONOV, S. A. [Leonov, S. O.] (Kiyev)

Propagation of load waves in a viscous elastoplastic rod.
Prykl. mekh. 8 no.6:645-652 '62. (MIRA 15:10)

1. Institut mekhaniki AN UkrSSR.

(Elastic rods and wires) (Elastic waves)

LEONOV, S.A. (Kiyev)

Propagation of elastic viscoplastic waves in a rod of variable cross section. Prikl. mekh. 1 no.3:123-127 '65. (MIRA 18:7)

1. Institut mekhaniki AN UkrSSR.

KOMISSAROVA, G.L. (Kiyev); LEONOV, S.A. (Kiyev)

Collision of a viscous elastoplastic rod with an absolutely solid
body. Prikl. mekh. 1 no.8:93-99 '65. (MIRA 18:9)

L. Institut mekhaniki AN UkrSSR.

LEONOV, S.B.; KHOKHLOV, V.R.; BESSONOV, S.V.

Cyaniding gold out of flotation concentrates at high pressures.
Izv.vys. ucheb. zav.; tsvet. met. no.3:94-96 ' 58. (MIRA 11:11)

1. Irkutskiy gornometallurgicheskiy institut. Kafedra metallurgii
blagorodnykh metallo.
(Gold--Metallurgy) (Cyanide process)

SOV/149-58-4-17/26

AUTHORS: Leonov, S.B.,
Khokhlov, V.R.,
Bessonov, S.V.

TITLE: Elimination of Harmful Effects of Flotation Reagents
on Concentrate Cyaniding (Ustraneniye vrednogo deystviya
flotoreagentov pri tsianirovanii kontsentrata)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Tsvetnaya
Metallurgiya, 1958, Nr 4, pp 122-123 (USSR)

ABSTRACT: It has been known for some time that slowing down of
the reaction observed sometimes in cyaniding flotation
concentrates is not caused by a film of collector
adhering to the surface of the gold grains but is due
to froth formation. The present Authors studied this
effect in the particular case of gold-rich
concentrates from Taseyev deposits containing 49.7% SiO₂,
4.18% Al₂O₃, 1.32% CaO, 17.63% S, 16.8% Fe, 1.1% As,
0.73% Sb, 0.13% Cu and 0.1% Zn. The first series of
experiments consisted of cyaniding concentrate taken
straight from the filter-press and the same

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. Elimination of Harmful Effects of Flotation Reagents on
Concentrate Cyaniding

concentrate washed three times with water and dried at 150°C. The ratio of the 0.1% NaCN solution containing barium peroxide as the oxidising agent to the concentrate was 2 to 1 and the experiments, carried out in bottles attached to a mechanical mixer, lasted 24 hrs. The values of gold recovery from the washed and untreated concentrate were 88 and 72% respectively. In the next series of experiments the liquor:solid ratio was increased to 3.5:1. Consequently, less froth was formed and under these conditions 95% gold was recovered from both untreated and washed concentrates. Since air bubbles may be broken up and the flotation reagents washed away when water is removed from the concentrate in the filter press, concentrate removed straight from the flotation machine was used in the next series of experiments in which stationary cyaniding vessels were employed. Here again the same gold recovery of 88% was obtained from both washed and untreated samples. However, when

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